Amendments to the Claims:

1. (Currently Amended) A power converter arranged in series and coaxial with a motor along a direction of an output shaft to form a unitary structure through which [[an]] the output shaft extends, comprising:

a plurality of coolers each of which extends along a radial direction with respect to an output shaft so as to be perpendicular to the output shaft and has a cooling surface defined by a direction parallel to the output shaft and the radial direction, each of the plurality of coolers being formed with a plurality of coolant passageways therein such that each of the plurality of coolant passageways linearly extends along a direction parallel to the radial direction or along a direction parallel to the output shaft; and

a plurality of power semiconductor [[module]] modules, each of which is mounted on the cooling surface of ~~at least~~ corresponding one of the plurality of coolers in a symmetric manner relative to the corresponding one of the plurality of coolers, and ~~extending~~ extends in the radial direction along with the cooling surface of the cooler, to supply electric power to a motor.

2. (Original) The power converter according to claim 1, wherein the output shaft includes at least one of a motor shaft and a drive shaft connected to the motor shaft.

3. (Previously Presented) The power converter according to claim 1, wherein each of the plurality of coolers includes a plurality of cooling surfaces, and each of is defined by the direction parallel to the output shaft and the radial direction.

4. (Previously Presented) The power converter according to claim 1, wherein each of the plurality of coolers includes a set of coolers opposing to one another, and each of the set of coolers extends along the radial direction.

5. (Previously Presented) The power converter according to claim 1, wherein each of the plurality of coolers is mounted on a cylindrical structural member surrounding the output shaft.

6. (Original) The power converter according to claim 1, wherein each of the plurality of coolers is mounted on a structural member located at an end face of a motor.

7. (Currently Amended) The power converter according to claim 1, wherein each of the plurality of ~~coolers includes a plurality of~~ coolant passageways ~~that extend~~ extends in parallel to the output shaft.

8. (Currently Amended) The power converter according to claim 1, wherein each of the plurality of ~~coolers includes a plurality of~~ coolant passageways ~~that extend~~ extends along the radial direction.

9. (Original) The power converter according to claim 1, wherein an end portion of each of the plurality of coolers is connected to at least one of a delivery conduit communicating with coolant passages of the other of the plurality of coolers and a coolant delivery conduit communicating with a power converter.

10. (Previously Presented) The power converter according to claim 1, wherein an end portion of each of the plurality of coolers is connected to an annular coolant passage connected to a coolant delivery conduit connected to a power converter.

11. (Original) The power converter according to claim 1, further comprising a capacitor disposed between respective ones of the plurality of coolers adapted to smooth a DC voltage.

12. (Original) The power converter according to claim 11, wherein the capacitor has a cross sectional shape formed in a fan-shape or a trapezoid.

13. (Currently Amended) The power converter according to claim 1, wherein each of the plurality of coolers has a pair of cooling surfaces, on each of which one of the plurality of power semiconductor [[module]] modules is mounted, and terminals of [[the]] one of the plurality of power semiconductor [[module]] modules mounted on one of the pair of cooling surfaces has a symmetric relationship with those on the other of the cooling surfaces with respect to corresponding one of the plurality of coolers.

14. (Currently Amended) The power converter according to claim 1, further comprising a current sensor disposed in a corner section projecting from a cross sectional circular shape of a power converter and detecting output currents of each of the plurality of power semiconductor [[module]] modules.

15. (Original) The power converter according to claim 1, further comprising an AC output terminal disposed in a corner section projecting from a cross sectional circular shape of a power converter and connecting a power converter and a motor.

16. (Original) The power converter according to claim 15, wherein the AC output terminal is three-phase AC output terminal and have three output terminals, and each of the three output terminals is disposed in corresponding one of three corner sections projecting from the cross sectional circular shape of the power converter.

17. (Original) The power converter according to claim 1, further comprising a DC power input terminal disposed in a corner section, projecting from a cross sectional circular shape of a power converter, in which no other component elements are located.

18. Cancelled

19. (Previously Presented) The power converter according to claim 1, wherein the plurality of coolers are arranged along corresponding radial directions, each of which is perpendicular to the output shaft, at circumferentially spaced intervals therebetween.

20. Cancelled

21. (Previously Presented) The power converter according to claim 1, wherein:

the power converter and the motor are combined coaxially in series with each other,

the radial direction is a direction perpendicularly extending from the output shaft, and

the cooling surface is defined by a direction parallel to the output shaft and a direction parallel to the extending direction.